

- 23 -

IC CARD HAVING MEMORY CONTENTS TRANSFER CONTROL
UNIT AND METHOD OF STORING DATA IN IC CARD

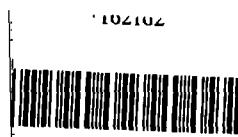
ABSTRACT OF THE DISCLOSURE

For addressing a problem of a long connecting time of an IC card with an information processing apparatus and a long external power supply time due to storage of data in a non-volatile memory area even after the IC card has completed processing, the present invention provides techniques for notifying the information processing apparatus connected to the IC card of the completion of the processing at the time the IC card has completed the processing, stopping power externally supplied to the IC card, and switching to an internal power supply unit of the IC card. Subsequently, the internal power supply unit is used to transfer data, the contents of which must be ensured from a volatile memory to a non-volatile memory to thereby solve the problem mentioned above.

Figure 1



G00002



G00002